

Corrective Action Comprehensive Report

Report run on: October 27, 2022 4:45:19 PM EDT

Version 6.0

*** WARNING *** Sensitive information may be displayed on this report. *** WARNING ***

User Selection Criteria	
Handler ID: TND003095635	
Event Best Date Range: From: 10/01/1980 To: 10/27/2022	
Report Results	
Number of Sites: 1	Number of Pages: 13
Report Description	
This report lists all corrective action data for all facilities that meet the selection criteria. The report shows by handler and corrective action area the associated authorities and events. Events not linked to authorities and areas -- considered "orphan" events -- are displayed on this report. Areas and authorities not linked to events are also displayed. .	

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List of Handler Universe Abbreviations	
Generator	Indicates that the facility is a Large Quantity Generator (LQG), Small Quantity Generator (SQG), Very Small Quantity Generator (VSQG), or Not a Generator (N).
Transporter	Indicates that the facility Transports waste subject to RCRA regulations. ('Y' indicates that the facility is in this universe).
Operating TSDF	Indicates that the facility is a Treatment, Storage or Disposal facility subject to any type of enforcement. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment, H - SWM)
IC / EC in Place	Indicates that the facility has Institutional Controls / Engineering Controls in place. ('Y' indicates that the facility is in the respective universe).
EL Indicator (HE/GW)	Indicates that the facility has controls in place for Environmental Indicators. HE - Human Exposures ('+' indicates the exposure exists and is under control; '-' indicates the exposure exists and is not under control; 'N' indicates the exposure does not exist)
Perm Prgrs	Indicates that the facility is part of the Permitting/Closure/Post-Closure Progress universe. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment, H - SWM)
PermWrkld	Indicates that the facility is part of the Permit Workload universe. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T -
Clos Wrkld	Indicates that the facility is part of the Closure Workload universe. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T -
Pclos Wrkld	Indicates that the facility is part of the Post-Closure Workload universe. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T -
Renewals Wrkld	Indicates that the facility is part of the Permit Renewals Workload universe. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment, H - SWM)
GPRA Permit	Indicates that the facility is part of the GPRA Permit universe. ('+' indicates that the facility is on the GPRA Permit Baseline and meeting the goal; '-' indicates that the facility is on the GPRA Permit Baseline and not meeting the goal; 'N' indicates that the facility is not on the GPRA Permit Baseline)
GPRA Renewals	Indicates that the facility is part of the GPRA Renewals universe. ('+' indicates that the facility is on the GPRA Renewals Baseline and meeting the goal; '-' indicates that the facility is on the GPRA Renewals Baseline and not meeting the goal; 'N' indicates that the facility is not on the GPRA Renewals Baseline)
Subj CA	Indicates that the facility is part of the Subject to Corrective Action universe. ('Y' indicates that the facility is in this universe).
Subj CA TSD 3004	Indicates that the facility is a Treatment, Storage or Disposal facility Potentially Subject to Corrective Action Under 3004(u)/(v). ('Y' indicates that the facility is in this
Subj CA TSD Discr	Indicates that the facility is a Treatment, Storage or Disposal facility Subject to Corrective Action Under Discretionary Authorities. ('Y' indicates that the facility is in this
Subj CA Non-TSD	Indicates that the facility is a Non-Treatment, Storage or Disposal facility where Corrective Action has been imposed. ('Y' indicates that the facility is in this universe).
CA Wrkld	Indicates that the facility is part of the Corrective Action Workload universe. ('Y' indicates that the facility is in this universe).
GPRA CA 2020	Indicates that the facility is part of the GPRA Corrective Action universe ('Y' indicates that the facility is in this universe).

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NUCLEAR FUEL SERVICES, INC. (NFS)

County UNICOI / TN171

TND003095635

Location 1205 BANNER HILL ROAD, ERWIN, TN 37650

Region: 04

Mailing: P.O. BOX 337, ERWIN, TN 37650-0337

Activity TN		State District: 104		Non-		Extract Flag: Y		Active Site: Y	
Generator:	LQG	Transporter:	N	Operating TSDF:	---S--	IC/EC In Place:	N / N	EI Indicator (HE / GW):	+ / +
Permit Progress:	---ST-	Post-Closure	-----	Subject to CA:	Y	Subj CA Non-TSD:	N	GPRA CA 2020:	Y
Permit Workload:	---S--	Renewals Workload:	-----	Subj CA TSD 3004:	Y	CA Workload:	Y	GPRA Permit:	N
Closure Workload:	-----			Subj CA TSD Discr:	N			GPRA Renewals:	+

Area Name	ENTIRE FACILITY	Acres: 58	Seq: 1	Releases:	GW: Y	SW:	Soil: Y	Air: Y	Entire Facility: Y	Regulated Unit:
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CA Authority

Agency	Suborganization	Issue Date	Effective Date
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O - Operating Permit

Joint	RPS	01/29/1993	01/29/1993
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Citation

A - RCRA 3004(u) or equivalent

Event Code	Seq.	Agency	Resp. Person	Actual Date	Schedule Date
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CA900CR - CA PERFORMANCE STANDARDS ATTAINED - CONTROLS REQUIRED

1

State

TN420

09/26/2018

Event Notes: Facility using a combination of institutional controls and insitu-groundwater treatment.

CA643 - INT. MEASURES PROGRESS REPORT RECEIVED

3

State

TN420

12/10/2014

Event Notes: Update on groundwater treatment and soil removal presented during the FAP.

CA643 - INT. MEASURES PROGRESS REPORT RECEIVED

2

State

TN420

12/12/2013

Event Notes: Update on groundwater treatment and soil removals presented during FAP meeting.

CA643 - INT. MEASURES PROGRESS REPORT RECEIVED

1

State

TN420

12/13/2012

Event Notes: Updated on groundwater treatment and soil removals. Updated given during FAP meeting.

CA643 - INT. MEASURES PROGRESS REPORT RECEIVED

7

State

TN420

12/08/2011

Event Notes: Received during annual FAP meeting.

CA643 - INT. MEASURES PROGRESS REPORT RECEIVED

6

State

TN420

12/02/2010

Event Notes: Received progress report during annual FAP meeting.

CA643 - INT. MEASURES PROGRESS REPORT RECEIVED

5

State

TN420

12/17/2009

Event Notes: Received progress report at FAP meeting.

CA643 - INT. MEASURES PROGRESS REPORT RECEIVED

4

State

TN420

06/11/2009

Event Notes: FAP mid-year update on remediation and investigation at the site.

CACAV - CORRECTION ACTION VISIT

1

Joint

LROMN

02/26/2008

Event Notes: EPA&TDEC conducted CMI Oversight at NFS during carbon injection into 50 DPT boreholes within a low transmissive zone of the PCE-uranium contaminated groundwater plume. This phase will accelerate the remediation at Bldg 111 & SWMU 20.

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NUCLEAR FUEL SERVICES, INC. (NFS) - continued

TND003095635

Area Name - (continued)	ENTIRE FACILITY	Acres:	58	Seq:	1	Releases:	GW:	Y	SW:	Soil:	Y	Air:	Y	Entire Facility:	Y	Regulated Unit:
CA Authority - (continued)																
O - Operating Permit										Joint		RPS		01/29/1993		01/29/1993
Event Code										Agency		Suborganization		Issue Date		Effective Date
CA750YE - RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE										State		TN420		09/17/2004		09/30/2003
CA700 - COMMENTS SENT TO THE STATE										EPA		LROMN		07/26/2002		
Event Notes:	EPA review of TDEC's 6/18/2002-revised draft RCRA/HSWA Renewal Permit -- suggested new language for historical CA under previous 1/29/93 HSWA permit, SWMU Map, annual EI Reporting, Current Conditions Report and Public Information Plan.															
CA350 - CMS COMPLETE										State		TN496		05/20/2002		
Event Notes:	Completed review Corrective Measures Study Report ORP Manipulation Pilot Test for site wide groundwater. Results very encouraging. Subsequent reports to address injection reagent in shallow luvial zone in bedrock aquifer.															
CA300 - CMS WORKPLAN APPROVED										State		TN496		05/20/2002		
Event Notes:	Approval of CMS W P for Groundwater Source Control, Maintenance Shop. Subsequent reports must address shallow alluvial zone and bedrock aquifer for site wide groundwater.															
CA700 - COMMENTS SENT TO THE STATE										EPA		LROMN		01/23/2002		
Event Notes:	EPA review of 1/8/2002-draft RCRA/HSWA Renewal Permit. Concl: Significant deficiencies															
CA700 - COMMENTS SENT TO THE STATE										EPA		LROMN		02/21/2001		
Event Notes:	NCR 1/4/01 Draft Pre Decisional EA for NS Decomm @ NFS.															
CA260 - CMS WORKPLAN RECEIVED										EPA		LJR		03/10/2000		
Event Notes:	CMS/PILOT STUDY PLAN FOR PCE & UR IN GW.															
CA643 - INT. MEASURES PROGRESS REPORT RECEIVED										EPA		LJR		03/07/2000		
Event Notes:	OTRLY RFI/IM PROGRESS REPORTS.															
CACAO - CA OVERSIGHT INSPECTION (= CMCAO)										EPA		LJR		12/03/1999		
Event Notes:	EI PROGRESS SCHEDULE															
CA643 - INT. MEASURES PROGRESS REPORT RECEIVED										EPA		LJR		12/03/1999		
Event Notes:	QTRLY RFI/IM PROGRESS REPORTS.															
CA336 - CMS DRAFT REPORT REVIEWED - NOTI ISSUED										EPA		LJR		11/01/1999		
Event Notes:	REVISED GW FLOW & SOLUTE TRANS. MODELING REPORT (DATED 2/99)															
CA250 - CMS IMPOSITION										EPA		LJR		08/01/1999		
Event Notes:	EPA DEMANDS PCE REMEDIATION PLAN.															
CA643 - INT. MEASURES PROGRESS REPORT RECEIVED										EPA		LJR		11/23/1998		
Event Notes:	RFI/IM PROGRESS REPORT - SWMU 10 BACKFILLED															

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NUCLEAR FUEL SERVICES, INC. (NFS) - continued TND003095635

Area Name - (continued)	ENTIRE FACILITY	Acres: 58	Seq: 1	Releases:	GW: Y	SW:	Soil: Y	Air: Y	Entire Facility: Y	Regulated Unit:
CA Authority - (continued)						Agency	Suborganization	Issue Date	Effective Date	
O - Operating Permit						Joint	RPS	01/29/1993	01/29/1993	
Event Code					Seq.	Agency	Resp. Person	Actual Date	Schedule Date	
CA643 - INT. MEASURES PROGRESS REPORT RECEIVED					6	EPA	LJR	11/23/1998		
Event Notes: RFI/IM PROGRESS REPORT - OFFSITE GW DELINEATION PROBLEMS.										
CA336 - CMS DRAFT REPORT REVIEWED - NOTI ISSUED					1	EPA	LRMN		12/20/1997	
Event Notes: NOTI FOR BASELINE GW RISK ASSESSMENT - INDUSTRIAL LAND USE										
CA150 - INVESTIGATION WORKPLAN APPROVED					4	EPA	LRMN	10/20/1997		
Event Notes: JOINT APPROVAL PHASE IV OFFSITE VERTICAL GW INVESTIGATION										
CA750NO - RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION					1	EPA	LRMN	09/11/1996		
CA725YE - HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE					1	EPA	LRMN	09/11/1996		
CA630 - INTERIM MEASURES PLAN APPROVED					2	EPA	LRMN	08/21/1996		
Event Notes: ADDENDUM 1 TO POND 4 DEC/IMWP FOR SOURCE REMOVAL-25 TRENCHES (SWMU 9)										
CA600SR - STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL &/OR TRT					5	EPA	LRMN	08/21/1996		
Event Notes: BURIAL GROUND (SWMU 9) REMOVAL 25 TRENCHES - 286,000 CUBIC FT. WASTE										
CA150 - INVESTIGATION WORKPLAN APPROVED					3	EPA	LRMN	07/12/1996		
Event Notes: JOINT COND/APPROVAL OF PHASE III (OFFSITE) GW INVEST/RA										
CA643 - INT. MEASURES PROGRESS REPORT RECEIVED					4	EPA	LRMN	07/02/1996		
CA195 - INVESTIGATION PROGRESS REPORTS RECEIVED					6	EPA	LRMN	07/02/1996		
CA610 - INTERIM MEASURES WORKPLAN RECEIVED					2	EPA	LRMN	06/21/1996		
Event Notes: ADDENDUM I TO POND 4 DEC/IM WKPL TO EXCAVATE SWMU 9										
CA110 - INVESTIGATION WORKPLAN RECEIVED					3	EPA	LRMN	05/20/1996		
Event Notes: RFI WKPL FOR PHASE III (OFFSITE) GW INEVSTIGATION AND RISK ASSESSMENT										
CACAO - CA OVERSIGHT INSPECTION (= CMCAO)					1	EPA	LRMN	09/21/1995		
Event Notes: SEMI-ANNUAL REGULATORY OVERSIGHT MTG./TDEC/NRC										
CA100 - INVESTIGATION IMPOSITION					2	EPA	LRMN	09/21/1995		
Event Notes: RFI OVERSIGHT INSPECTION DONE										
CA643 - INT. MEASURES PROGRESS REPORT RECEIVED					3	EPA	LRMN	07/07/1995		
CA195 - INVESTIGATION PROGRESS REPORTS RECEIVED					5	EPA	LRMN	07/07/1995		

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NUCLEAR FUEL SERVICES, INC. (NFS) - continued

TND003095635

Area Name - (continued) ENTIRE FACILITY Acres: 58 Seq: 1 Releases: GW: Y SW: Soil: Y Air: Y Entire Facility: Y Regulated Unit:

CA Authority - (continued)

Agency Suborganization Issue Date Effective Date

O - Operating Permit

Joint RPS 01/29/1993 01/29/1993

Event Code	Seq.	Agency	Resp. Person	Actual Date	Schedule Date
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CA600 - STABILIZATION/INTERIM MEASURES DECISION	4	EPA	LROMN	05/25/1995	
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Event Notes: GW PUMP/TREAT FOR PCE AT SWMU 20

CA195 - INVESTIGATION PROGRESS REPORTS RECEIVED	4	EPA	LROMN	04/09/1995	
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CA643 - INT. MEASURES PROGRESS REPORT RECEIVED	2	EPA	LROMN	04/07/1995	
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Event Notes: VERBAL COMMENTS 5/25/95 ON SWMU 20 AND SWMUS 2,4,6

CA643 - INT. MEASURES PROGRESS REPORT RECEIVED	1	EPA	LROMN	01/09/1995	
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Event Notes: VERBAL COMMENTS (3/14/95) ON SWMU 20

CA195 - INVESTIGATION PROGRESS REPORTS RECEIVED	3	EPA	LROMN	01/09/1995	
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CA650 - STABILIZATION CONSTRUCTION COMPLETED	1	EPA	LROMN	07/01/1994	
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Event Notes: BLDG 410 COMPLETE, 10 EXT. WELLS, WWTP

CA184 - DRAFT RFI REPORT RECEIVED	1	EPA	LROMN	03/29/1994	
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Event Notes: SWMUS 2, 4, 6 ONLY

CA630 - INTERIM MEASURES PLAN APPROVED	1	EPA	LROMN	03/15/1994	
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Event Notes: JOINT APPROVAL - DECOM/IM WKPL SWMUS 2, 4, 6 (POND 4)

CA195 - INVESTIGATION PROGRESS REPORTS RECEIVED	2	EPA	LROMN	01/14/1994	
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Event Notes: SECOND PROGRESS REPORT

CA109 - CONFIRMATORY SAMPLING COMPLETED/APPROVED	1	EPA	LROMN	12/21/1993	
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Event Notes: JOINT APPROVAL - NFA AT SWMUS 8 & 11

CA610 - INTERIM MEASURES WORKPLAN RECEIVED	1	EPA	LROMN	12/07/1993	
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Event Notes: DECOM/IM WORKPLAN SWMUS 2,4,6 (POND 4) SOIL WASHING/GW P/T

CA107 - CONFIRMATORY SAMPLING REPORT RECEIVED	1	EPA	LROMN	11/30/1993	
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Event Notes: SWMUS 8 & 11

CA195 - INVESTIGATION PROGRESS REPORTS RECEIVED	1	EPA	LROMN	10/21/1993	
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Event Notes: INITIAL PROGRESS REPORT

CA600 - STABILIZATION/INTERIM MEASURES DECISION	3	EPA	LROMN	10/06/1993	
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Event Notes: SWMUS 2, 4, 6 (POND 4) DECOMMISSIONING/IM STAB LETTER

CA150 - INVESTIGATION WORKPLAN APPROVED	2	EPA	LROMN	08/16/1993	
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Event Notes: COND. APPROVAL RFI S&A WKPL (SWMU 1 & AOC 5)

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NUCLEAR FUEL SERVICES, INC. (NFS) - continued TND003095635

Area Name - (continued)	ENTIRE FACILITY	Acres: 58	Seq: 1	Releases:	GW: Y	SW:	Soil: Y	Air: Y	Entire Facility: Y	Regulated Unit:
CA Authority - (continued)						Agency	Suborganization	Issue Date	Effective Date	
O - Operating Permit						Joint	RPS	01/29/1993	01/29/1993	
Event Code					Seq.	Agency	Resp. Person	Actual Date	Schedule Date	
CA180 - INVESTIGATION IMPLEMENTATION BEGUN					1	EPA	LROMN	08/09/1993		
Event Notes: PHASED RFI INVESTIGATION										
CA150 - INVESTIGATION WORKPLAN APPROVED					1	EPA	LROMN	07/22/1993		
Event Notes: COND. APPROVAL PHASE II S&A WKPL (SWMUS 2,4,6)										
CA110 - INVESTIGATION WORKPLAN RECEIVED					2	EPA	LROMN	05/26/1993		
Event Notes: MAIN RFI WKPL (VOLS I & II)										
CA106 - CONFIRMATORY SAMPLING WORKPLAN APPROVED					1	EPA	LROMN	05/21/1993		
Event Notes: SWMUS 8 & 11 JOINT APPROVAL										
CA110 - INVESTIGATION WORKPLAN RECEIVED					1	EPA	LROMN	02/16/1993		
Event Notes: PHASE II S&A WKPL (SWMUS 2,4,6)										
CA104 - CONFIRMATORY SAMPLING WORKPLAN RECEIVED					1	EPA	LROMN	02/16/1993		
Event Notes: SWMUS 8 & 11 FOR GW										
CA102 - CONFIRMATORY SAMPLING REQUIRED					1	EPA	LROMN	01/29/1993		
Event Notes: SWMUS #8 & #11 FOR GW ONLY										
CA100 - INVESTIGATION IMPOSITION					1	EPA	LROMN	01/29/1993		
Event Notes: HSWA PERMIT ISSUED/EFFECTIVE										
CA600 - STABILIZATION/INTERIM MEASURES DECISION					2	EPA	LROMN	05/14/1992		
Event Notes: VOLUNTARY SOIL/TANK REMOVALS AS SWMUS 3, 4, 8, 11, 13, 18, 19										
CA600 - STABILIZATION/INTERIM MEASURES DECISION					1	EPA	LROMN	08/01/1991		
Event Notes: USNRC POND (#1, #2, #3) DECOMMISSIONING (SWMU #1), SLUDGE/SOIL DEWATER										
Event Code					Seq.	Agency	Resp. Person	Actual Date	Schedule Date	
CA075HI - CA PRIORITIZATION-HIGH CA PRIORITY					1	EPA		03/31/1992		
Area Name	AOC 2 Boiler blowdown & back wash water	Acres:	Seq: 10	Releases:	GW:	SW:	Soil: Y	Air:	Entire Facility: N	Regulated Unit:
CA Authority						Agency	Suborganization	Issue Date	Effective Date	
O - Operating Permit						Joint	RPS	01/29/1993	01/29/1993	
Citation										
A - RCRA 3004(u) or equivalent										

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NUCLEAR FUEL SERVICES, INC. (NFS) - continued

TND003095635

Area Name	AOC 2 Boiler blowdown & back wash water	Acres:	Seq: 10	Releases:	GW:	SW:	Soil: Y	Air:	Entire Facility: N	Regulated Unit:
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CA Authority

Agency

Suborganization

Issue Date

Effective Date

O - Operating Permit

Joint

RPS

01/29/1993

01/29/1993

Event Code

Seq.

Agency

Resp. Person

Actual Date

Schedule Date

CA550RC - REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

1

State

TN420

09/30/2002

Event Notes: Institutional controls as final remedy until end of plant life. Then investigations will determine if remedial action is necessary. GW being handled under AOC-GW [site wide Groundwater]. Remedies finalized in storage permit renewal.

CA400 - REMEDY DECISION

1

State

09/30/2002

Event Notes: Institutional controls. Any soil contamination remaining at these SWMUs and AOCs is scheduled to be addressed at the time of facility decommissioning.

Area Name	AOC-3 Cooling tower, Building 130	Acres:	Seq: 11	Releases:	GW:	SW: Y	Soil: Y	Air:	Entire Facility: N	Regulated Unit:
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CA Authority

Agency

Suborganization

Issue Date

Effective Date

O - Operating Permit

Joint

RPS

01/29/1993

01/29/1993

Citation

A - RCRA 3004(u) or equivalent

Event Code

Seq.

Agency

Resp. Person

Actual Date

Schedule Date

CA550RC - REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

1

State

TN420

09/30/2002

Event Notes: Institutional controls as final remedy until end of plant life. Then investigations will determine if remedial action is necessary. GW being handled under AOC-GW [site wide Groundwater]. Remedies finalized in storage permit renewal.

CA400 - REMEDY DECISION

1

State

09/30/2002

Event Notes: Institutional controls. Any soil contamination remaining at these SWMUs and AOCs is scheduled to be addressed at the time of facility decommissioning.

Area Name	AOC-4 Storm Sewer System	Acres:	Seq: 12	Releases:	GW: Y	SW: Y	Soil: Y	Air:	Entire Facility: N	Regulated Unit:
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Notes: Surface drains and underground dispersion conduits

CA Authority

Agency

Suborganization

Issue Date

Effective Date

O - Operating Permit

Joint

RPS

01/29/1993

01/29/1993

Citation

A - RCRA 3004(u) or equivalent

Event Code

Seq.

Agency

Resp. Person

Actual Date

Schedule Date

CA550RC - REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

1

State

TN420

09/30/2002

Event Notes: Institutional controls as final remedy until end of plant life. Then investigations will determine if remedial action is necessary. GW being handled under AOC-GW [site wide Groundwater]. Remedies finalized in storage permit renewal.

CA400 - REMEDY DECISION

1

State

09/30/2002

Event Notes: Institutional controls. Any soil contamination remaining at these SWMUs and AOCs is scheduled to be addressed at the time of facility decommissioning.

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NUCLEAR FUEL SERVICES, INC. (NFS) - continued

TND003095635

Area Name	AoC-6 Mercury Contaminated Area	Acres:	Seq: 13	Releases:	GW:	SW:	Soil: Y	Air:	Entire Facility: N	Regulated Unit:
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Notes: Soil Northwest of Building 220

CA Authority	Agency	Suborganization	Issue Date	Effective Date
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O - Operating Permit

Joint

RPS

01/29/1993

01/29/1993

Citation

A - RCRA 3004(u) or equivalent

Event Code	Seq.	Agency	Resp. Person	Actual Date	Schedule Date
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CA550RC - REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

1

State

TN420

09/30/2002

Event Notes: Institutional controls as final remedy until end of plant life. Then investigations will determine if remedial action is necessary. GW being handled under AOC-GW [site wide Groundwater]. Remedies finalized in storage permit renewal.

CA400 - REMEDY DECISION

1

State

09/30/2002

Event Notes: Institutional controls. Any soil contamination remaining at these SWMUs and AOCs is scheduled to be addressed at the time of facility decommissioning.

Area Name	EI PROJECT SCHEDULE	Acres:	Seq: 4	Releases:	GW: Y	SW:	Soil:	Air:	Entire Facility: N	Regulated Unit:
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CA Authority	Agency	Suborganization	Issue Date	Effective Date
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O - Operating Permit

Joint

RPS

01/29/1993

01/29/1993

Citation

A - RCRA 3004(u) or equivalent

Event Code	Seq.	Agency	Resp. Person	Actual Date	Schedule Date
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CA750YE - RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

1

State

TN420

09/17/2004

09/30/2003

CA750NO - RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION

1

EPA

LROMN

09/11/1996

CA725YE - HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

1

EPA

LROMN

09/11/1996

Area Name	NORTH SITE ONLY	Acres:	Seq: 2	Releases:	GW:	SW:	Soil:	Air:	Entire Facility: N	Regulated Unit:
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CA Authority	Agency	Suborganization	Issue Date	Effective Date
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O - Operating Permit

Joint

RPS

01/29/1993

01/29/1993

Citation

A - RCRA 3004(u) or equivalent

Event Code	Seq.	Agency	Resp. Person	Actual Date	Schedule Date
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CA610 - INTERIM MEASURES WORPLAN RECEIVED

1

State

TN420

07/31/2017

Event Notes: Proposed PRB using ZVI for north site.

CA640 - INTERIM MEASURES REPORT RECEIVED

3

State

04/12/2016

Event Notes: SWMU 1, Impoundments 1,2,&3 on the north side

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*** WARNING *** Sensitive information may be displayed on this report. *** WARNING ***

NUCLEAR FUEL SERVICES, INC. (NFS) - continued TND003095635

Area Name - (continued)	NORTH SITE ONLY	Acres:	Seq: 2	Releases:	GW:	SW:	Soil:	Air:	Entire Facility: N	Regulated Unit:
CA Authority - (continued)							Agency	Suborganization	Issue Date	Effective Date
O - Operating Permit							Joint	RPS	01/29/1993	01/29/1993
Event Code					Seq.	Agency	Resp. Person	Actual Date	Schedule Date	
CA640 - INTERIM MEASURES REPORT RECEIVED					4	State	TN420	04/12/2016		
Event Notes: AOC 1, Banner Spring										
CA640 - INTERIM MEASURES REPORT RECEIVED					2	State	TN420	06/10/2015		
Event Notes: SWMU 9 Radiological Burial Ground. IM completed (soil removal) groundwater referred to site wide groundwater AOC. Requesting NFA for soil.										
CA375 - INTERIM DECISION FOR NO FURTHER ACTION					1	State	TN420	05/04/2015		
Event Notes: SWMU 7 effectiveness sampling report for soil. All RCRA constituents are below residential standards. NRC previously approved SWMU for NFA concerning radiological constituents. NFA for soil approved by the Division. Decision will be final when permit is modified for the NFA.										
CA640 - INTERIM MEASURES REPORT RECEIVED					1	State	TN420	02/20/2015		
Event Notes: SWMU 7 (CSX Soil Stockpile) soil removal effectiveness sampling report.										
CACA0 - CA OVERSIGHT INSPECTION (= CMCAO)					1	EPA	LJR	12/02/1999		
Event Notes: SEMI ANNUAL DECOMM PROJ STATUS MTG (NRC, EPA, TDEC) RAD CLEANUP CRITER										
CA640 - INTERIM MEASURES REPORT RECEIVED					2	EPA	LJR	09/21/1999		
Event Notes: NORTHSITE CHARACTERISTIC REPORT REV 1 (PROP. RAD CLEAN-UP LEVELS).										
CA640 - INTERIM MEASURES REPORT RECEIVED					1	EPA	LJR	07/01/1999		
Event Notes: NORTH SITE DECOMM PLAN - REV 1(RAD IN SOIL) FOR NRC.										
CA640 - INTERIM MEASURES REPORT RECEIVED					3	EPA	LJR	02/01/1999		
Event Notes: POTENTIAL DOSE DUE TO RAD. CONTAMINENTS IN N.S. SOIL & GW (REV1).										

Area Name	SWMU # 10	Acres:	Seq: 5	Releases:	GW:	SW:	Soil:	Air:	Entire Facility: N	Regulated Unit:
CA Authority							Agency	Suborganization	Issue Date	Effective Date
O - Operating Permit							Joint	RPS	01/29/1993	01/29/1993
Citation										
A - RCRA 3004(u) or equivalent										
Event Code					Seq.	Agency	Resp. Person	Actual Date	Schedule Date	
CA650 - STABILIZATION CONSTRUCTION COMPLETED					1	State	TN420	08/16/2004		
Event Notes: Recommendation of NFA for SWMU 10										

Area Name	SWMU #21	Acres:	Seq: 3	Releases:	GW:	SW:	Soil:	Air:	Entire Facility: N	Regulated Unit:
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NUCLEAR FUEL SERVICES, INC. (NFS) - continued TND003095635

Area Name	SWMU #21	Acres:	Seq: 3	Releases:	GW:	SW:	Soil:	Air:	Entire Facility: N	Regulated Unit:
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CA Authority	Agency	Suborganization	Issue Date	Effective Date
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O - Operating Permit	Joint	RPS	01/29/1993	01/29/1993
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Citation

A - RCRA 3004(u) or equivalent

Event Code	Seq.	Agency	Resp. Person	Actual Date	Schedule Date
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CA150 - INVESTIGATION WORKPLAN APPROVED	1	State	TN496	04/24/2001	
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Event Notes: Conditional Approval of the RFI Work Plan for SWMU 21

CA110 - INVESTIGATION WORKPLAN RECEIVED	1	State	TN404	03/21/2001	
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Event Notes: RFI work plan for SWMU# 21.

Area Name	SWMU 13 Bulk Chemical Storage Bldg. 111	Acres:	Seq: 7	Releases:	GW: Y	SW: Y	Soil: Y	Air:	Entire Facility: N	Regulated Unit:
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Notes: Bulk chemical storage tanks

CA Authority	Agency	Suborganization	Issue Date	Effective Date
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O - Operating Permit	Joint	RPS	01/29/1993	01/29/1993
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Citation

A - RCRA 3004(u) or equivalent

Event Code	Seq.	Agency	Resp. Person	Actual Date	Schedule Date
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CA550RC - REMEDY CONSTRUCTION-REMEDY CONSTRUCTED	1	State	TN420	09/30/2002	
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Event Notes: Institutional controls as final remedy until end of plant life. Then investigations will determine if remedial action is necessary. GW being handled under AOC-GW [site wide Groundwater]. Remedies finalized in storage permit renewal.

CA400 - REMEDY DECISION	1	State		09/30/2002	
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Event Notes: Institutional controls. Any soil contamination remaining at these SWMUs and AOCs is scheduled to be addressed at the time of facility decommissioning.

Area Name	SWMU 15 Waste Water Treatment Facility	Acres:	Seq: 14	Releases:	GW: Y	SW:	Soil: Y	Air:	Entire Facility: N	Regulated Unit:
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Notes: Plant Waste Water Treatment Facility

CA Authority	Agency	Suborganization	Issue Date	Effective Date
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O - Operating Permit	Joint	RPS	01/29/1993	01/29/1993
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Citation

A - RCRA 3004(u) or equivalent

Event Code	Seq.	Agency	Resp. Person	Actual Date	Schedule Date
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CA550RC - REMEDY CONSTRUCTION-REMEDY CONSTRUCTED	1	State	TN420	09/30/2002	
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Event Notes: Institutional controls as final remedy until end of plant life. Then investigations will determine if remedial action is necessary. GW being handled under AOC-GW [site wide Groundwater]. Remedies finalized in storage permit renewal.

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*** WARNING *** Sensitive information may be displayed on this report. *** WARNING ***

NUCLEAR FUEL SERVICES, INC. (NFS) - continued

TND003095635

Area Name - (continued)	SWMU 15 Waste Water Treatment Facility	Acres:	Seq: 14	Releases:	GW: Y	SW:	Soil: Y	Air:	Entire Facility: N	Regulated Unit:
CA Authority - (continued)							Agency	Suborganization	Issue Date	Effective Date
O - Operating Permit							Joint	RPS	01/29/1993	01/29/1993
Event Code					Seq.		Agency	Resp. Person	Actual Date	Schedule Date
CA400 - REMEDY DECISION					1		State		09/30/2002	
Event Notes:	Institutional controls. Any soil contamination remaining at these SWMUs and AOCs is scheduled to be addressed at the time of facility decommissioning.									
Area Name	SWMU 16 Rad incinerator	Acres:	Seq: 8	Releases:	GW:	SW:	Soil: Y	Air: Y	Entire Facility: N	Regulated Unit:
CA Authority							Agency	Suborganization	Issue Date	Effective Date
O - Operating Permit							Joint	RPS	01/29/1993	01/29/1993
Citation										
A - RCRA 3004(u) or equivalent										
Event Code					Seq.		Agency	Resp. Person	Actual Date	Schedule Date
CA550RC - REMEDY CONSTRUCTION-REMEDY CONSTRUCTED					1		State	TN420	09/30/2002	
Event Notes:	Institutional controls as final remedy until end of plant life. Then investigations will determine if remedial action is necessary. GW being handled under AOC-GW [site wide Groundwater]. Remedies finalized in storage permit renewal.									
CA400 - REMEDY DECISION					1		State		09/30/2002	
Event Notes:	Institutional controls. Any soil contamination remaining at these SWMUs and AOCs is scheduled to be addressed at the time of facility decommissioning.									
Area Name	SWMU 20 Scale pit	Acres:	Seq: 9	Releases:	GW: Y	SW:	Soil: Y	Air:	Entire Facility: N	Regulated Unit:
CA Authority							Agency	Suborganization	Issue Date	Effective Date
O - Operating Permit							Joint	RPS	01/29/1993	01/29/1993
Citation										
A - RCRA 3004(u) or equivalent										
Event Code					Seq.		Agency	Resp. Person	Actual Date	Schedule Date
CA550RC - REMEDY CONSTRUCTION-REMEDY CONSTRUCTED					1		State	TN420	09/30/2002	
Event Notes:	Institutional controls as final remedy until end of plant life. Then investigations will determine if remedial action is necessary. GW being handled under AOC-GW [site wide Groundwater]. Remedies finalized in storage permit renewal.									
CA400 - REMEDY DECISION					1		State		09/30/2002	
Event Notes:	Institutional controls. Any soil contamination remaining at these SWMUs and AOCs is scheduled to be addressed at the time of facility decommissioning.									
Area Name	SWMU 25	Acres:	Seq: 6	Releases:	GW: Y	SW:	Soil: Y	Air:	Entire Facility: N	Regulated Unit: N
Notes:	During excavation activities immediately west of Building 111 a 10' pipe was uncovered. Material in pipe showed levels of PCBs above Region 9 PRGs. Uranium and thorium was also detected. Constituents were also detected in existing wells.									

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NUCLEAR FUEL SERVICES, INC. (NFS) - continued

TND003095635

Area Name	SWMU 25	Acres:	Seq: 6	Releases:	GW: Y	SW:	Soil: Y	Air:	Entire Facility: N	Regulated Unit: N
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CA Authority

Agency

Suborganization

Issue Date

Effective Date

O - Operating Permit

Joint

RPS

01/29/1993

01/29/1993

Citation

A - RCRA 3004(u) or equivalent

Event Code

Seq.

Agency

Resp. Person

Actual Date

Schedule Date

CA150 - INVESTIGATION WORKPLAN APPROVED

2

State

TN420

12/11/2008

Event Notes: Approved work plan for SWMU 25 (Underground Pipe on the West Side of Building 111)during the Facility Action Plan meeting.

CA110 - INVESTIGATION WORKPLAN RECEIVED

2

State

TN420

12/11/2008

Event Notes: Received work plan for new SWMU 25 (Underground Pipe on the West Side of Building 111)during Facility Action Plan meeting.

CA060 - NOTICE OF CONTAMINATION

1

State

TN420

03/17/2008

Event Notes: SWMU Assessment Report. Discovered during excavation. PCBs detected in soils. Uranium, thorium & PCBs detected in gw above Region 9 PRGs. 4-28-08 SAR acknowledged.

Event Code

Seq.

Agency

Resp. Person

Actual Date

Schedule Date

CA226YB - REGION IV - RPS STABILIZATION CATEGORIES

1

EPA

LROMN

03/16/1993

CA225YE - STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION

1

EPA

LROMN

05/06/1992

CA050 - RFA COMPLETED

1

EPA

09/05/1990

CA070YE - DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

1

EPA

LJR

08/16/1990

Event Notes: RFI PLUS CONFIRMATORY SAMPLING

Unlinked Events

Event Code

Seq.

Agency

Resp. Person

Actual Date

Schedule Date

CA050 - RFA COMPLETED

1

EPA

09/05/1990

CA070YE - DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

1

EPA

LJR

08/16/1990

Internal Notes: RFI PLUS CONFIRMATORY SAMPLING

CA225YE - STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION

1

EPA

LROMN

05/06/1992

CA226YB - REGION IV - RPS STABILIZATION CATEGORIES

1

EPA

LROMN

03/16/1993

*** End of Report ***

Quick report